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GenCore version 4.5
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	Copyright (c) 1993 - 2000 Compagen Ecc.
OM protein - prof Run on:	OM protein - protein search, using sw model Run on: August 21, 2001, 12:06:13; Search time 12.28 Seconds (without alignments) 526.496 Million cell updates/sec
Title: perfect score: Sequence:	US-09-486-334-2 1641 1 MATCIDTCRTGNTQDDDSRFIPCLTMDQTSYLTEWSDYVI 314
Scoring table:	BLOSUM62 Gapop 10.0 , Gapext 0.5
Searched:	Searched: 197339 seqs, 20590346 residues Total number of hits satisfying chosen parameters: 197339
Minimum DB seq length: 0 Maximum DB seq length: 20	Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/
2: /cgn2_6/ptodata/2/
3: /cgn2_6/ptodata/2/
4: /cgn2_6/ptodata/2/
5: /cgn2_6/ptodata/2/
6: /cgn2_6/ptodata/2/ /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
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/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/bg.COMB.pep:*
/cgn2_6/ptodata/2/iaa/pcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

20 20 20 20 20 20 20 20 20 20 20 20 20 2	Result No.
145.5 145.5 132.5 132.5 132.5 132.5 132.5 132.5 132.5 132.5 132.5 97.5 97.5 97.5 97.5 81.5 81.5 81.5 81.5 81.5 81.5 81.5 81	Score
24444477777777777777777777777777777777	Query Match Ler
160 2 163 2 163 3 380 4 459 3 459 3 459 1 159 1 159 1 168 4 70 1 470	Length DB
	ID
Sequence 75, Appli sequence 4, Appli sequence 2, Appli sequence 2, Appli sequence 6, Appli sequence 9, Appli sequence 9, Appli sequence 85, Appli sequence 85, Appli sequence 63, Appli sequence 63, Appli sequence 10, Appli sequence 11, Appli sequence 10, Appli sequence 2, Appli sequence 1, Appli sequence 72, Appli	, 1, on

LENGTH:

28 444 444 444 444 444 444 444 444 444
77.58 77.58 77.56 77.56 77.56 77.56 76.56 76.56 76.56
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1912 1912 2353 3898 3898 402 402 529 529 549 449 449 449 449
411111144446004431
US-08-409-995-4 US-08-685-467-4 US-08-91377-155-33 US-08-913-942-4 US-08-918-991-2 US-09-059-853-2 US-09-444-483-2 US-09-444-483-2 US-09-441-664-4 US-09-441-664-2 US-09-441-664-2 US-09-441-664-2 US-09-6476-008-7 US-08-376-008-7 US-08-376-063-7 US-08-333-485-5 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7 US-08-833-485-7
sequence 4, Appli sequence 3, Appli sequence 2, Appli sequence 2, Appli sequence 2, Appli sequence 2, Appli sequence 4, Appli sequence 2, Appli sequence 2, Appli sequence 1, Appli sequence 7, Appli sequence 7, Appli sequence 5, Appli

ALIGNMENTS

US-09-065-104-1 RESULT Sequence 1, Application US/09065104 patent No. 6218168 GENERAL INFORMATION: TITLE OF INVENTION: Process for Preparing OriTLE OF INVENTION: Acetylserine, L-Cysteine and L-Cysteine-Related TITLE OF INVENTION: Products APPLICANT: LEINFELDER, Walfred, APPLICANT: HEINRICH, Peter CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES: STREET: 1077 CITY: Roslyn ADDRESSEE: Collard & Roe, P.C. STREET: 1077 No. 6218168thern Boulevard New York 24

ATTORNEY/AGENT INFORMATION:
NAME: RIChter Elizabeth C.
NAME: RIChter Elizabeth C.
REGISTRATION NUMBER: 35.103
REGISTRATION NUMBER: LEINE
REFERENCE/DOCKET NUMBER: LEINE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 365-9802
TELEPAX: (516) 365-9805
TELEPAX: (516) 365-9805 FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION: DATA:
APPLICATION UNMBER: DE 195 39 952

APPLICATION UNMBER: DE 195 39 952

APPLICATION UNMBER: WO 97/15673

APPLICATION UNMBER: 26-0CT-1995

FILING DATE: 26-0CT-1996

ATTORNEY/AGENT INFORMATION:
NAME: COllard, Allison C.
REGISTRATION UNMBER: 22,532

REGISTRATION UNMBER: LEINFELDER PCT
ATTORNEY/AGENT INFORMATION:
NAME: Freedman, Edward R.
REGISTRATION UNMBER: 26,048

REGISTRATION UNMBER: LEINFELDER PCT
REFERENCE/DOCKET NUMBER: LEINFELDER PCT
REFERENCE/DOCKET NUMBER: LEINFELDER PCT ZIP: 11576
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT VERSION 5.1 for DOS
SOFTWARE: WORDERFE. US/09/065,104 COUNTRY: STATE: APPLICATION NUMBER: U.S.A. 273 amino acids US/09/065,104 LEINFELDER PCT

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US-08-846-762-6
                                                                                                                                                                                          Query Match 8.9%; Score 145.5; DB 2; Length 160; Best Local Similarity 32.6%; Pred. No. 1.2e-08; Matches 42; Conservative 18; Mismatches 42; Indels 27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-846-762-6
                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/08/846,762A CURRENT FILING DATE: 1997-04-30 NUMBER OF SEQ ID NOS: 100 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 6
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APPLICANT: Burrows, Lori
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
FILE REFERENCE: 6580-089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/08846762A Patent No. 5994072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-065-104-1
                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
145 VGVPARQIG 153
                              276 VGNPARLIG 284
                                                                                222 -----GGTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTA 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

39.5%; Score 648.5; DB 4; Length 273;
Best Local Similarity 50.8%; Pred. No. 1.3e-65;
Matches 132; Conservative 51; Mismatches 72; Indels 5; Gaps
                                                                                                                                                        181 VDIHPGAKIGKGILLDHATGVVIGETAVVGD-----NVSILHGVTL------ 221
                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 160
                                              85 NYYNPRSLIERKDQYRNTLVKKGATLGANCTIVCGVTIGEYAFLGAGAVINKNVPSYALM 144
                                                                                                                    27 VHICAGARIGAGVSL--GQNVFVGNKVVIGDRCKIQNNVSVYDNVTLEEGVFCGPSMVFT 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   244 VGKPDS----DK-PSMDMDQ 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     283 IGGKENPRKHDKIPCLTMDQ 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         184 GTGKSGGDRHPKIREGVMIGAGAKILGNIEVGRGAKIGAGSVVIQPVPPHTTAAGVPARI 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         223 GTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVGNPARL 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               124 GRRALAIFLONOVSVTFOVDIHPAAKIGRGIMLDHATGIVVGETAVIENDVSILOSVTLG 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     163 NRKIVALLIQNRVSESFAVDIHPGAKIGKGILLDHATGVVIGETAVVGDNVSILHGVTLG 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              103 FELFISVLEESPEIIESTKODLIAVKERDPACISYVHCFLGFKGFLACQAHRIAHTLWKQ 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      64 REVVEEAYAADEEMIASAACDIQAVRTRDPAVDKYSTPLLYLKGFHALQAYRIGHWLWNQ 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AIGINAL ESCORGANISM: ESCORGATIN: W3110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43 EDDDDVWIKMLEEAKSDVKQEPILSNYYYASITSHRSLESALAHILSVKLSNLNLPSNTL 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 EELEIVWNNIKAEARTLADCEPMLASFYHATLLKHENLGSÄLSYMLANKLSSPIMPAIAI 63
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; ORGANISM: Pseudomonas aeruginosa
US-08-846-762-75
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APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-846-762-75

Sequence 75, Application US/08846762A

Patent No. 5994072

Patent No. 5994072
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SEQ ID NO 75
LENGTH: 163
                                                                                                                    SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
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APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Zhong, Yi Yi
TITLE OF INVENTION: No. 6043071el GlmU
NUMBER OF SEQUENCES: 6
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CURRENT APPLICATION NUMBER: US/08/846,762A

CURRENT FILING DATE: 1997-04-30

NUMBER OF SEQ ID NOS: 100
                                                 APPLICATION NUMBER: US/08/971,782 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                               CLASSIFICATION:
                                                                                                                                                                                       COMPUTER: IBM COLOPERATING SYSTEM:
                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Dechert Price & Rhoads
STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             145 VGVPARQIG 153
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                                                                                                                                      SYSTEM: DOS
FastSEQ for Windows Version 2.0
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Debouck, Christine
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Shilling, Lisa K.
Jaworski, Deborah D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Wang, Min
                                                                                                                                                                                                                   IBM Compatible
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FILING DATE: 26-JUN-1997 ATTORNEY/AGENT INFORMATION: NAME: Dickinson, Todd Q

APPLICATION NUMBER:

JMBER: 60/050,996 26-JUN-1997

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sequence 4, Application US/09309026
patent No. 6204042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NO. 6204042el GlmU NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                  ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                253 RPNSSLGAQVHIGNEVEVKGSSIGENTKAGHLT--YIG-SCEVGSNVNFGAGTITVNYDG 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 174 RVSESFAVDIH------PGAKIGKGILLDHATGVVIGETAVVGDNVSILHG-VTLGGTG 225
                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         310 KNK--YKTVIGDNVFVGSNSTIIAPVELGDNSLVGAGSTITKDVPADAIAIG 359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             226 KQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVG 277
              NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Todd Q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
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                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                       CITY:
                                                                                                                        FILING DATE:
                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                  OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
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TELEFAX:
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4000 Bell Atlantic Tower, 1717 Arch Stre
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mooney, Jeffrey L.
Debouck, Christine M.
Zhong, Yi Yi
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Jaworski, Deborah D.
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   215-994-2222
                                                                                                                                                                                                                                                                                   IBM Compatible
                                                                                                                                                                                                                                                                                                     Diskette
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US-08-971-782-2
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 8.1%; Score 132.5; DB 4; Length 380; Best Local Similarity 32.1%; Pred. No. 1.4e-06;
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                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    226 KOSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVG 277
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                                                                                                                                                                                               FILING DATE: 26-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,3
                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE:
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                                                                                                                     TELEPHONE: 215-994-2222
                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/0
FILING DATE: 26-JUN-1997
                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/971,782
                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
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                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                 STRANDEDNESS:
                                               TYPE:
                 TOPOLOGY:
                                                               LENGTH:
                                                                                                                  TELEX:
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                                               amino acid
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Debouck, Christine M.
Zhong, Yi Yi
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                                                                  459 amino acids
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Shilling, Lisa K.
Jaworski, Deborah D.
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                               single
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Gaps

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US-09-309-026-2
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                                                                                                                                        Matches
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Patent No.
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389 KNK--YKTVIGDNVFVGSNSTIIAPVELGDNSLVGAGSTITKDVPADAIAIG 438
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APPLICANT: I
                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 459 amino acids
                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: GM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
                                                             332 RPNSSLGAQVHIGNFVEVKGSSIGENTKAGHLT--YIG-SCEVGSNVNFGAGTITVNYDG 388
                               226 KQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVG 277
                                                                                           174 RVSESFAVDIH------PGAKIGKGILLDHATGVVIGETAVVGDNVSILHG-VTLGGTG 225
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                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Dickinson, To
REGISTRATION NUMBER:
                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                               STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
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    Application US/09309026
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T: Debouck, Christine M.
T: Zhong, Yi Yi
INVENTION: No. 6204042e1 GlmU
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                                                                                                                                      Conservative
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4000 Bell Atlantic Tower, 1717 Arch Stre
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Jaworski, Deborah D.
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IBM Compatible
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32.18;
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ative 19; Mismatches
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                                                                                                                                 19; Mismatches
                                                                                                                                         Score 132.5; DB 4; Length 459; Pred. No. 2e-06;
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Transches 44; Indels
                                                                                                                           44; Indels 13; Gaps
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US-08-846-762-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5733765
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APPLICANT: Lam, Joseph S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL
                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-POS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: No. 5994072el Proteins Inv. ved in the Synthesis and Assembly
TITLE OF INVENTION: of O-Antigen in Pseudomone: Aeruginosa
FILE REPERENCE: 6580-089
            APPLICATION NUMBER: EP 9
FILING DATE: 20-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/08/846,762A
CURRENT FILING DATE: 1997-04-30
NUMBER OF SEQ ID NOS: 100
                                                                        CLASSIFICATION: 426
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: STINGELE, Franscesca
APPLICANT: MOLLET, Beat
TITLE OF INVENTION: LACTIC BACTERIA PRODUCIN:
TITLE OF INVENTION: EXOPOLYSACCHARIDES
                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                   FILING DATE:
                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              144 VGVPARQIG 152
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                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                   STREET: 1155 Av CITY: New York
                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 VHICGGAEIGAGCSL--GQNVFVGNRVRIGDRVKIQNNVS: YDNVFLEDDVFCGPSMVFT 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   38;
                                                                                                                                                                                                                                                                                10036
Fanucci A., Allan
                                                                                                                                                                                                                                                                                                                   New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08597236
                                                                                                                                                                                                                                                                                                                                                1155 Avenue of the Americans
                                                                                                                                                                                                                                                                                              U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7.6%; Score 125.5; DN 2; Length 191; 29.5%; Pred. No. 3e-06:
                                                     EP 95201669.9
                                                                                                                                 US/08/597,236
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; MOLECULE TYPE: protein US-08-597-236-9
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Best Local S
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                                                                       Matches
                                                                                            Best
                                                                                                       Query Match
                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 3025
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
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APPLICANT: MOLLET, Beat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            188 KIGKGILLDHA-----TGVVIGETAVVGDNVSIL-----HGVTL 221
                                   * 188 KIGKGILLDHA------TGVVIGETAVVGDNVSIL------HGVTL 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Fanucci A., Allan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: EXOPOLYSACCHARIDES
                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    105 AAI-----QIGRNCWIGSQVTILKGVTIGDNSIIGAGVVVYQDVPENSIVLSN 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      222 GGTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGSGSVVVKDVPARTTAVGN 278
                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          45 KSGKVIIGNHVFFNNFCSINAMLSVTIGDDCIFGENVKIYDHNHCYQNKSQPISKQGFST 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Polici
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 14-NC
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                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/597,236 FILING DATE: 20-JUN-1995 APPLICATION NUMBER: EP 95201669.9
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45 KSGKVIIGNHVFFNNFCSINAMLSVTIGDDCIFGENVKIYDHNHCYQNKSQPISKQGFST 104
                                                                                      Local Similarity
                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                     TYPE:
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                                                                                                                                                                                                               amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLLET, Beat
                                                                                                                                                                                                                                      159 amino acids
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                                                                       Conservative
                                                                                                                                                                                                  linear
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                                                                                                                                                                               protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LACTIC BACTERIA PRODUCING
                                                                                        5.9%; Score 97.5; DB 1; Length 159; 26.5%; Pred. No. 0.0034;
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                                                                             15; Mismatches
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                                                                               35; Gaps
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                                                                                                   US-09-188-579-85
                                                                                                                   RESULT
                                                            ; Sequence 85, Appli
; Patent No. 6107040
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                                           ; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 206-682-6031
INFORMATION FOR SEQ ID NO:
                        APPLICANT: Shuman, Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
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TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     222 GGTGKQSGDRHPKIGDGVLIGAGSCILGNITIGEGAKIGS SVVVKDVPARTTAVGN 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                        159 LWKQNRKIVALLIQNRVSESFAVDIHPGAKIGKGILLDHA-----TGVVIGETAVVG 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                             211 D-----NVSILHGVTLGG-------TKQSGDRHPKIGDGVLIGAGS 245
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                                                                                                                                                                             114 CILHACTLGNNAFVGMGSIVM 134
                                                                                                                                                                                                                   246 CILGNITIGEGAKIGSGSVVV 266
                                                                                                                                                                                                                                                                                                                                                                                                       y match 5.7%; Score 94; DB 4; Length 197; Local Similarity 25.5%; Pred. No. 0.012; hes 36; Conservative 17; Mismatches 42; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 424
                                                                                                                                                                                                                                                        57 DVCIGKNASIWYGTVLRGDVDKIEVGEGTNIQDNTVVHTDSMHGD--TVIGKFVTIG-HS 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                  7 LWCAKNTIMLCRLKNT------GGCEVMREVLVPYAGVSPSVDSTAFIAGYARIIG 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               197 amino acids
                                                                                Application US/09188579B
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WESULT 14
US-08-190-802A-63
: Sequence 63, Application US/08190802A
: Patent No. 5519003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/315,444A
CURRENT FILING DATE: 1999-05-20
PRIOR APPLICATION NUMBER: US 09/188,579
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 116
SEQ ID NO 85
                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local 9
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CURRENT APPLICATION NUMBER: US/09/188,579B
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 114
SEQ ID NO 85
LENGTH: 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Shuman, Stewart
TITLE OF INVENTION: Pharmac
FILE REFERENCE: D6185CIP
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ORGANISM: baculovirus
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                                                                                                                   108 EKCPGMLVGVHCTHGINRTGYMVCR--YLMHTL 138
                                                                                                                                                        129 ERDPACISYVHCFLGFK--GFLACOAHRIAHTL 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 108 EKCPGMLVGVHCTHGINRTGYMVCR--YLMHTL 138
                                                                                                                                                                                            66 KYYDGV---HFLRAGLLY-KKIQVPGQTLPPESIVQEFIDTVKE------
                                                                                                                                                                                                                                    69 YYYASITSHRSLESALAHILSYKLSNLNLPSNTLFELFISYLEESPEIIESTKODLIAVK 128
                                                                                                                                                                                                                                                                             18 DSNLICFKTPLRPEL-----FAYVTSEEDVW-----TAEQIVKQNPSIGAIIDLTNTS 65
                                                                                                                                                                                                                                                                                                                    17 DSRFCCIKNFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPIL------SN 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17 DSRFCCIKNFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPIL-----SN 68
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                                                                                                                                                                                                                                                                                                                                                                            34;
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                                                                                                                                                                                                                                                                                                                                                                                         5.5%; Score 90; DB 4; 22.2%; Pred. No. 0.027;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5.5%; Score 90; DB 3; Length 168 22.2%; Pred. No. 0.027;
                                                                                                                                                                                                                                                                                                                                                             24; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                         DB 4; Length 168;
                                                                                                                                                                                                                                                                                                                                                             53; Indels 42; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         53; Indels
                                                                                                                                                                                                 ----FT 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                               8;
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US-09-032-372-12
Sequence 12, Application US/09032372
Patent No. 6008337
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (415) 324-096 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HYPOTHETICAL: I
                                                                                                                  514 -- LRTGQCSLTLSIEDGVTTVAVSPGDGKYIAAGSL 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                489 YSLDYFPS--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                     239 VLIGAGSCIL-----GNITI----GEGAKIGSGSV 264
                                                                                                                                                                                                                      179 FAVDIHPGAKIGKGILLDHATGVVIGETAVVGDNVSILHGVTLGGTGKQSGDRHPKIGDG 238
                                                                                                                                                                                                                                                         450 -----MILOGHEQDI 488
                                                                                                                                                                                                                                                                                          120 TKQDLIAVKERDPACISYVHCFLGFKGFLACQAHRIAHTLWK-QNRKIVALLIQNRVSES 178
                                                                                                                                                                                                                                                                                                                           399 TTTSTDNNTMTTTTTTTTTTTTAMTSAAELAKDVENLNTSSSPSSDLYIRSV----- 449
                                                                                                                                                                                                                                                                                                                                                                                                  342 DHTSVVCCVKFSNDGEYLATGCNKTTQVYRV---SDGSLVARLSDDSAANNHRNSITENN 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mochly-Rosen, Daria
APPLICANT: Ron, Dorit
TITLE OF INVENTION: WD-40 - Der
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                              70 YYASITSHRSLESALAHI------LSVKLSNLNLPSNTLFELFISVLEESPEIIES 119
                                                                                                                                                                                                                                                                                                                                                                                                                                 15 DDDSRFCCIK-----NFFRPGFSVNRKIHHTQIEDDDDVWIKMLEEAKSDVKQEPILSNY 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Fabian, Gary R. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         protein
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N: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WD-40 - Derived Peptides and Uses
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 713;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88; Indels 96; Gaps
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APPLICANT:

Bandman, Olga

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; STRANDEDNESS: sing
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LLERARY: GenBank
; CLONE: 1292898
US-09-032-372-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 361 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
ADDITON WINDER.
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MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
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FILING DATE: Herewith
CLASSIFICATION
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Yue, Henry
APPLICANT: Lal, Preeti
TITLE OF INVENTION: CELL CYCLE RELATED PROTEINS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                  150 DIATPHLIDREVEKPKEFVGHRINAGLYILHPEVIDLIEMKPTSIEKETFPILVEEKQLY 209
311 WNSTVGQWCRLEGVTVLGDDVEVKDEIYIN-----GGKVLPHKSISDNVP 355
                                                                                    269 IG-----PDVVIGPNVTIGDGVRITRSVVL----CNSTIKNHSLVKSTIVG-----
                                                                                                                                                                         210 SFDLEGFWMDVGQPKDFLSGTVLYLNSLAKRQPKKLATGANIVGNALIDPTA-KISSTAK 268
                                                                                                                                                                                                                   138 VHCFLGF------KGFLACQAHRIAHTLWKQNRKIV--ALLIQNRVSESFAVDIHPGAK 188
                                       249 GNITIGEGAKIGSGSVVVKDVPARTTAVGNPARLIGGKENPRK--HDKIP 296
                                                                                                                              189 IGKGILLDHATGVVIGETAVVGDNVSILHGVTLGGTGKQSGDRHPKIGDGVLIGAGSCIL 248
                                                                                                                                                                                                                                                                                                            96 NLPSNTLFELFISVLEE-----Y 137
                                                                                                                                                                                                                                                                                                                                                       90 LKLAEDVLKKDNSPFFVLNSDVICEYPFKELADFHKAHGGKGTIVATKVDEPSKYGVIVH 149
                                                                                                                                                                                                                                                                                                                                                                                                        50 IKMLEEA-KSD-----VKQEPILSNYYYASITSHRSLESALAHILSVKLSN-----L 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
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ZIP: 94304
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Corley, Neil C.
Guegler, Karl J.
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